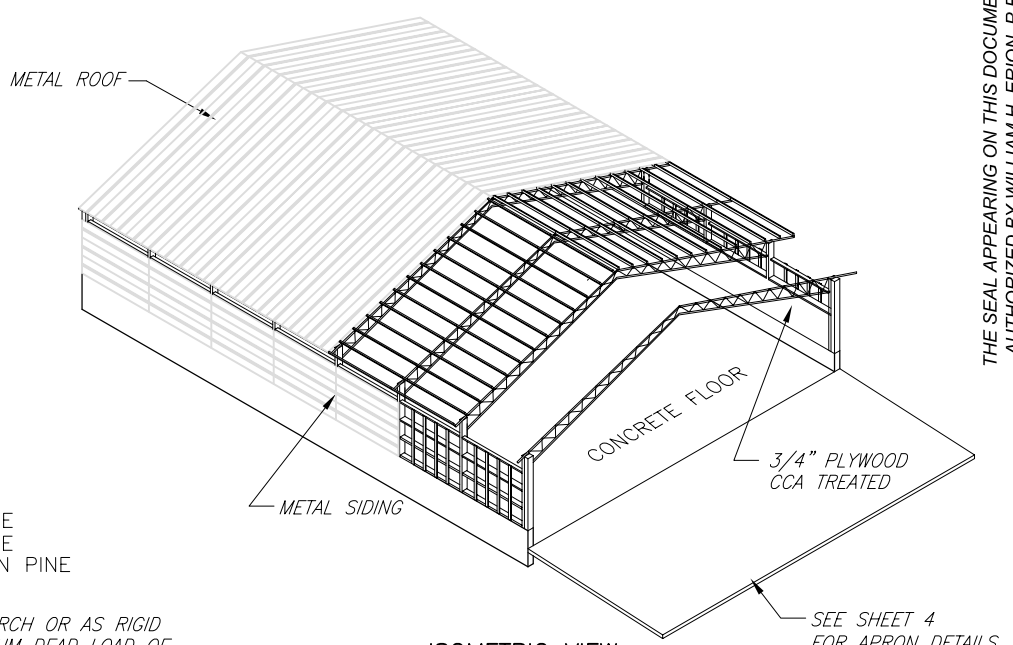
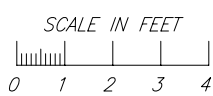


CLOSED END

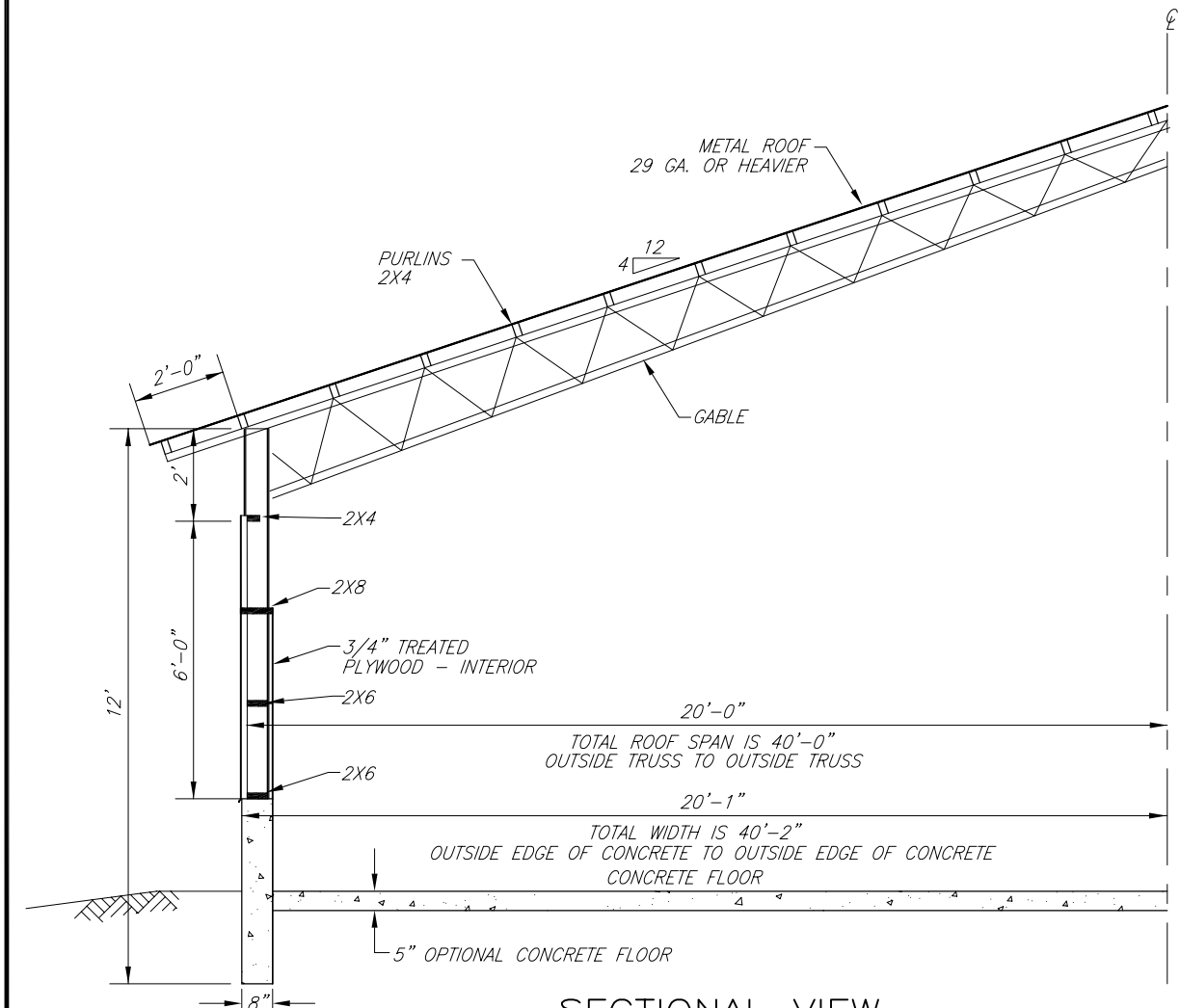
PURLIN REQUIREMENTS		
TRUSS SPACING		PURLINS
8 FT	2X4	#2 OR BETTER SOUTHERN PINE
10 FT	2X6	#2 OR BETTER SOUTHERN PINE
8 FT OR 10 FT	2X4	SELECT STRUCTURAL SOUTHERN PINE

NOTE: FURNISHED TRUSS SHALL BE DESIGNED AS THREE HINGED ARCH OR AS RIGID FRAME, WITH A MINIMUM ROOF LIVE LOAD OF 16 psf, MINIMUM DEAD LOAD OF 5 psf, AT MAXIMUM SPACING OF 10 FEET.

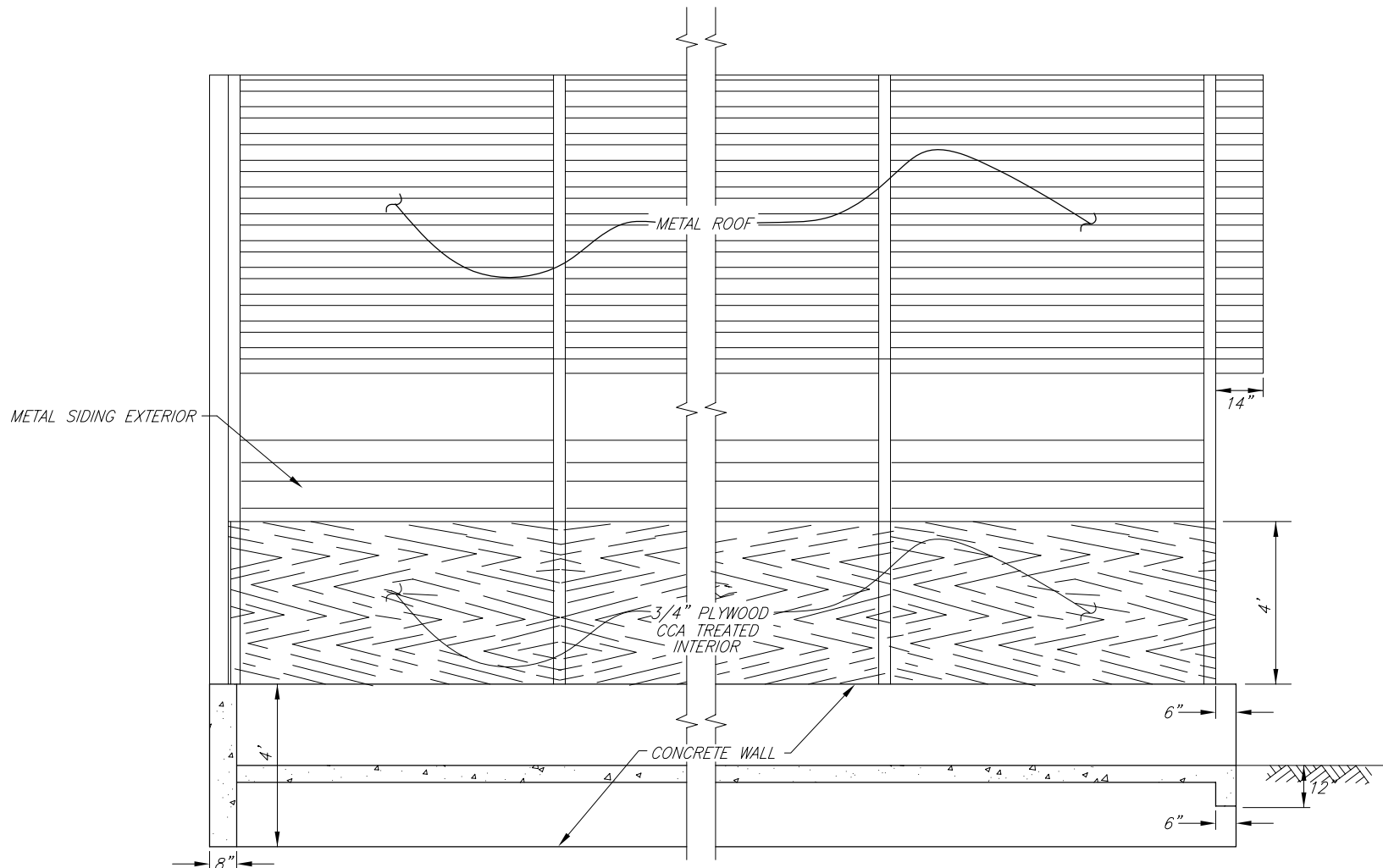


ISOMETRIC VIEW
(NOT TO SCALE)

SEE SHEET 4
FOR APRON DETAILS



SECTIONAL VIEW
(SYMMETRICAL ABOUT CENTER LINE)



ELEVATION

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ON OCTOBER 12, 2004.

DESIGNED BY: WILLIAM H. ERION
DRAWN BY: GK
CHECKED BY: DEG
FILE NAME: DETAILS
DATE PLOTTED: 10/04

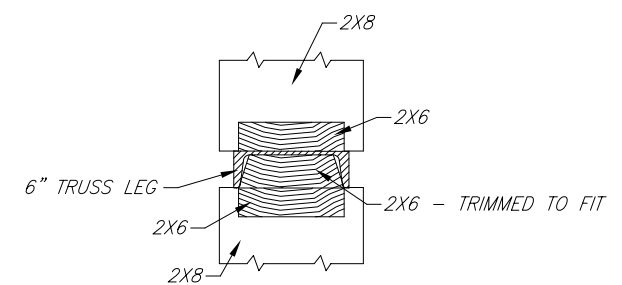
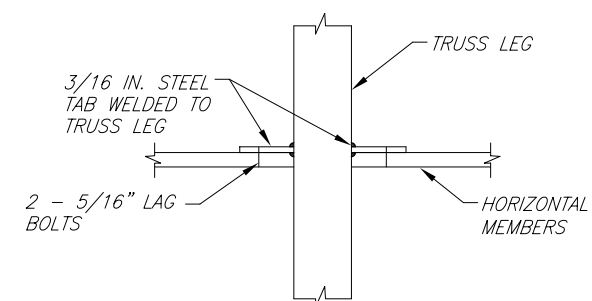
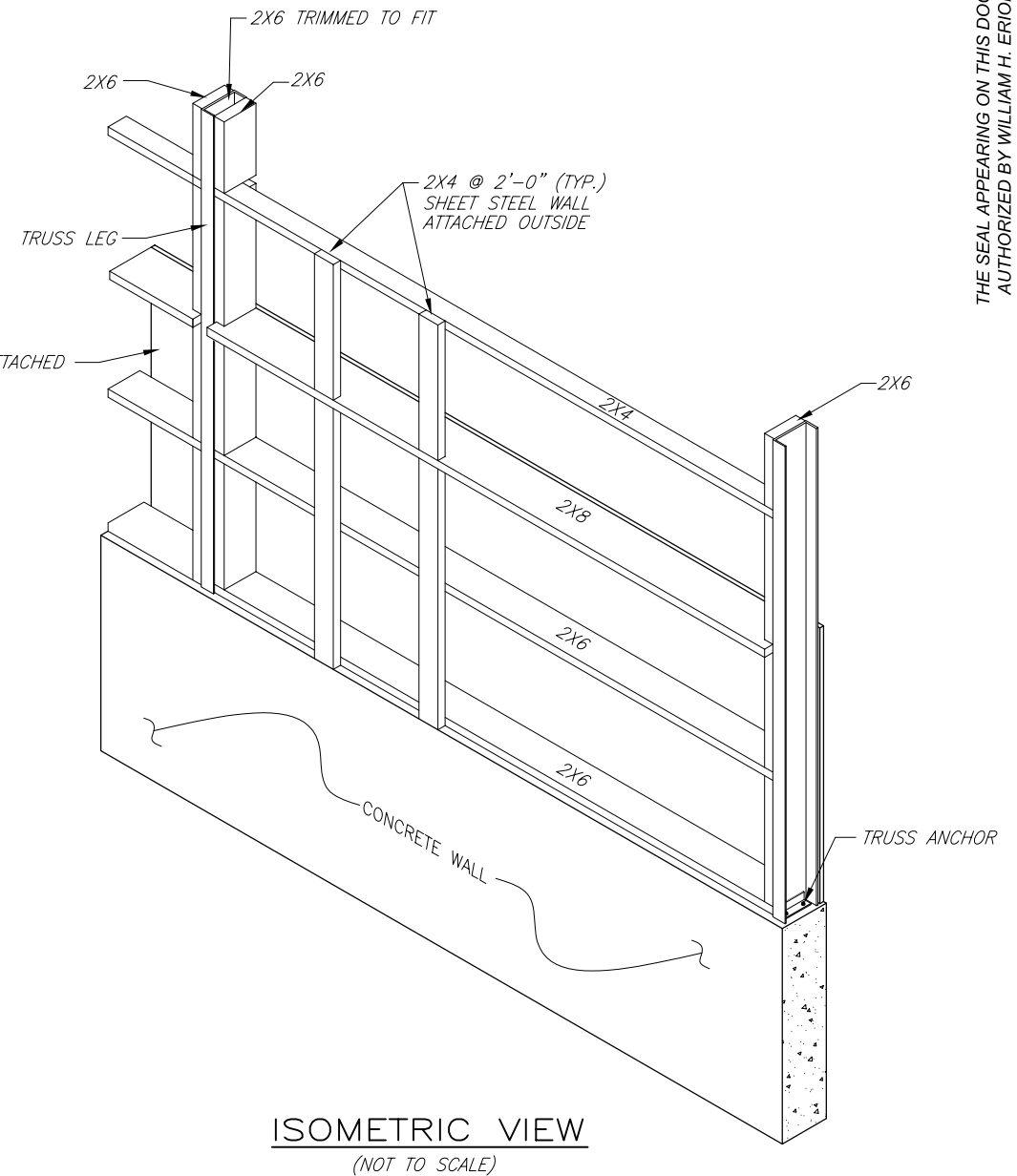
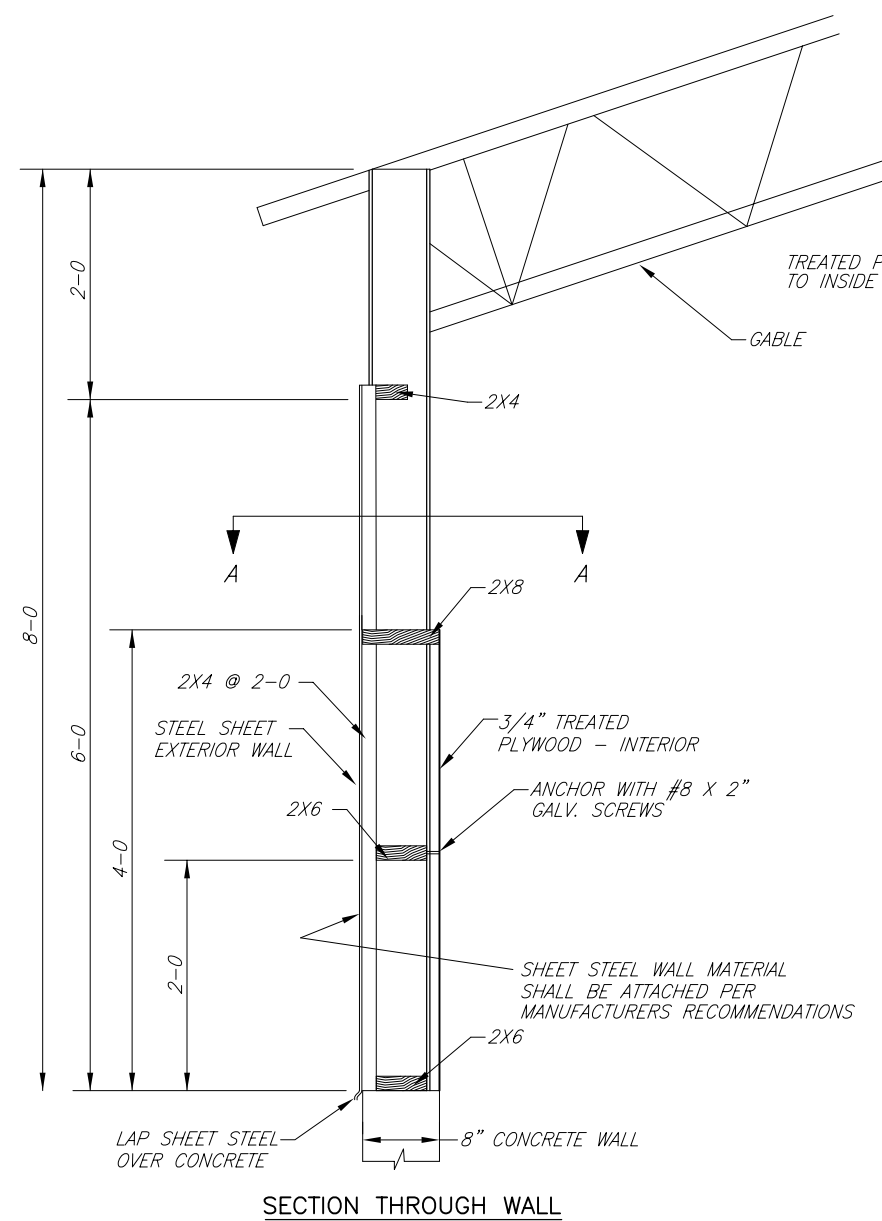
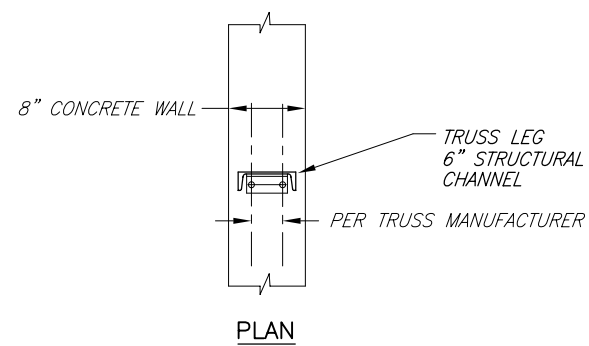
POULTRY LITTER STORAGE BUILDING
40 FT. SPAN - MAX. EAVE HT.
FARM COUNTY, TEXAS

NRC
Natural Resources Conservation Service
U.S. Department of Agriculture

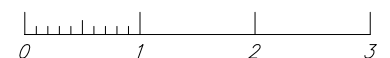
REVISIONS DATE
ROOF SLOPE 1/17/05

DRAWING NO.
TX-EN-0443

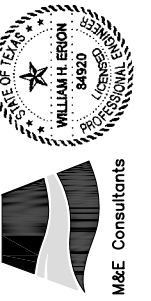
SHEET
1



SCALE IN FEET

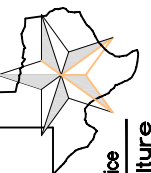


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DRAWN BY: CK
CHECKED BY: DEG
FILE NAME: WALL DETAILS-NAC
DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING
40 FT. SPAN - MAX. 10 FT. EAVE HT.
____ FARM
____ COUNTY, TEXAS



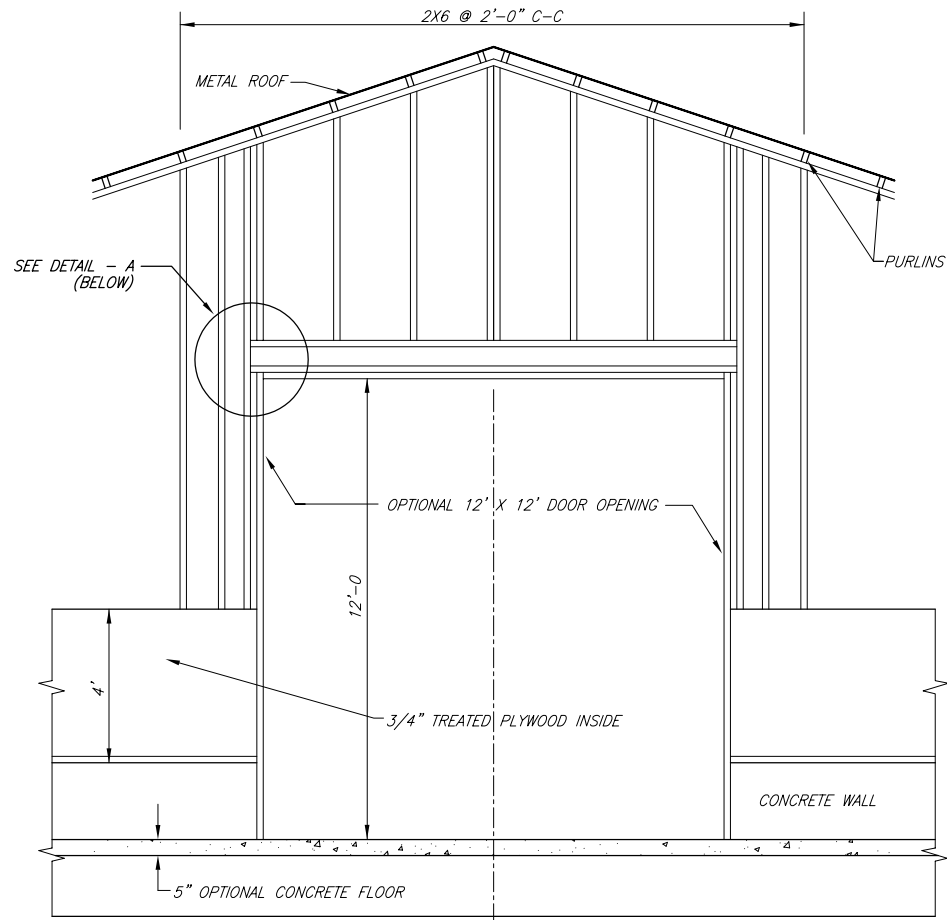
NRCS
Natural Resources Conservation
U.S. Department of Agriculture

REVISIONS	DATE
PLY. MEAS.	1/16/05

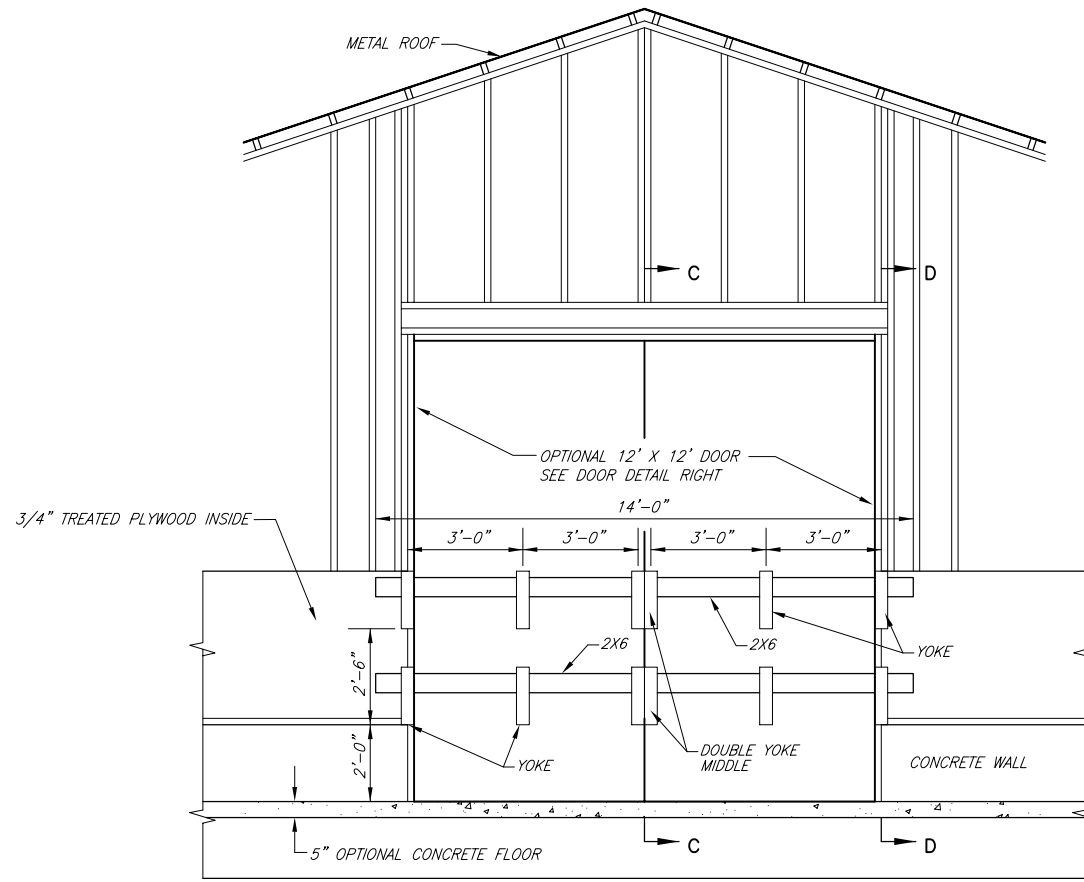
DRAWING NO.
TX-EN-0443

HEET

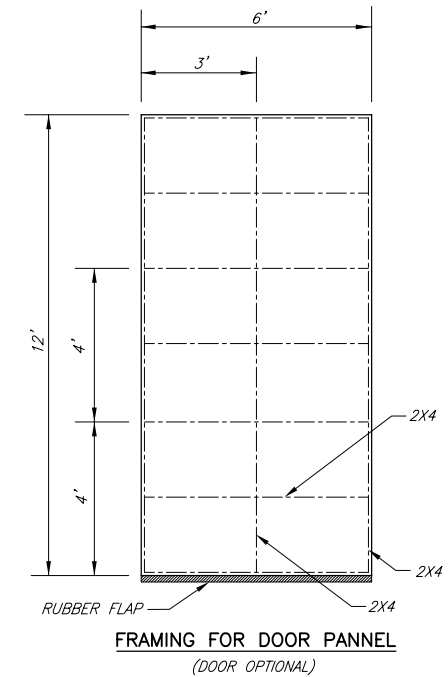
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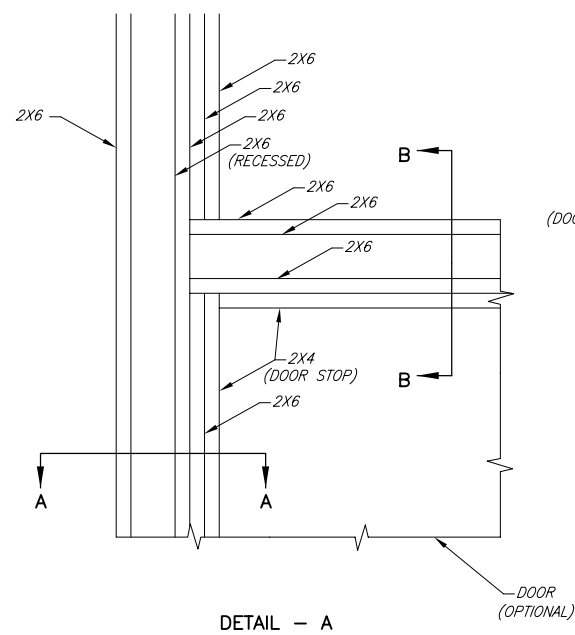
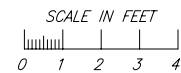
FRAMING DETAIL - CLOSED END WALL
(LOOKING INSIDE)



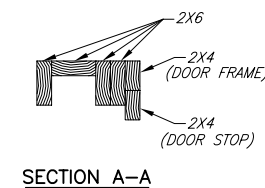
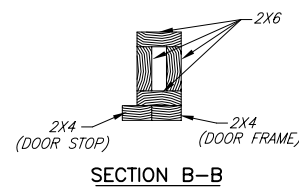
DOOR DETAIL - CLOSED END WALL
(LOOKING INSIDE)



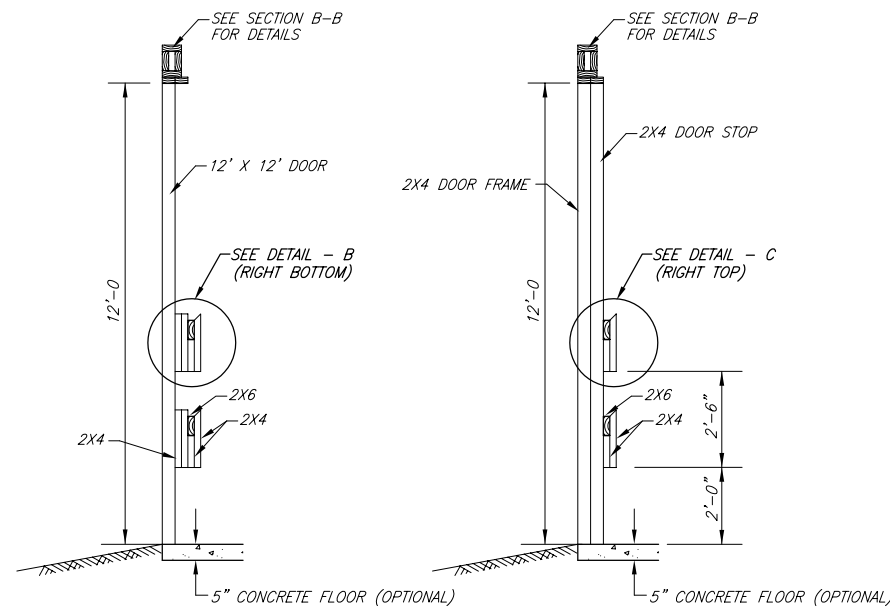
NOTE: DOOR INTERIOR FACED WITH 3/4" TREATED PLYWOOD. EXTERIOR FACED WITH MIN. 29 GA. SHEET STEEL SIDING. DOOR TO BE HUNG WITH 5 HEAVY DUTY GALVANIZED STEEL 3" BUTT HINGES. THE DOOR CAN ONLY OPEN TO THE OUTSIDE. INSTALL A RUBBER FLAP ONTO THE BOTTOM OF DOOR TO PREVENT WATER FROM ENTERING.



DETAIL - A

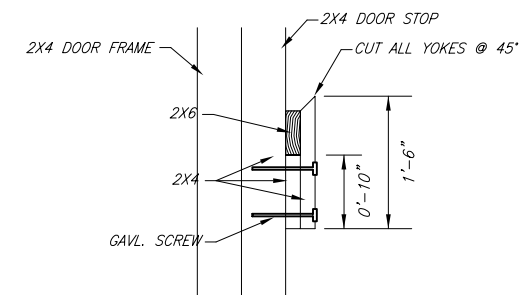


SECTION A-A

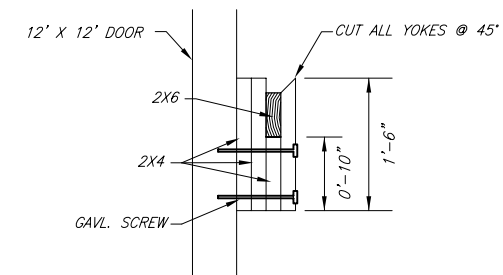


SECTION C-C

SECTION D-D



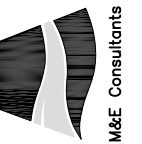
DETAIL - C



DETAIL - B

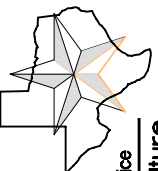
NOTE: ANCHOR WITH #8 X 10" GALV. SCREWS. USE FOUR PER YOKE, OFFSETTING EACH SCREW.

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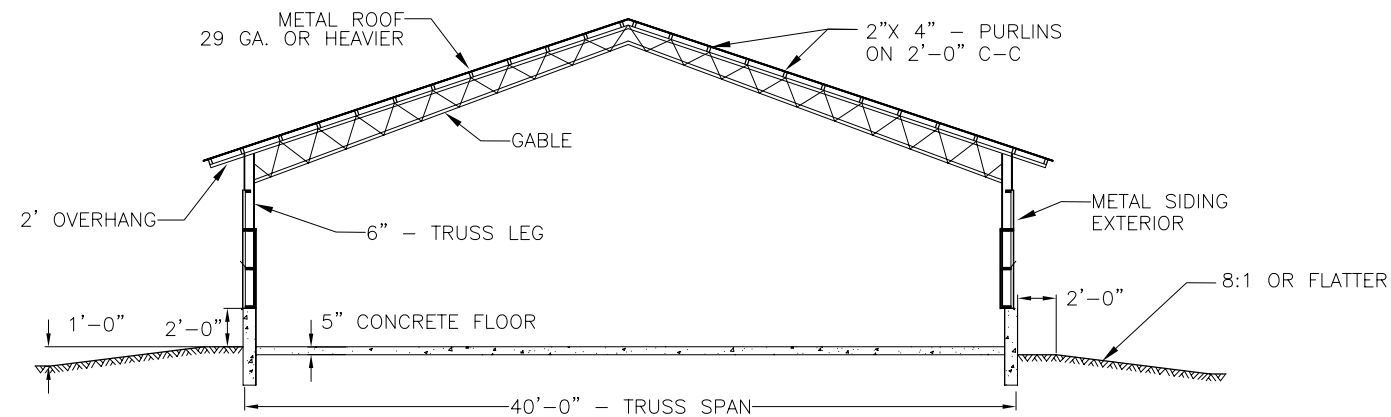
DESIGNED BY: WILLIAM H. ERION
DRAWN BY: GK
CHECKED BY: DEG
FILE NAME: DOORDETAILS-NAC
DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING
40 FT. SPAN - MAX 10 FT. EAVE HT.
FARM
COUNTY, TEXAS



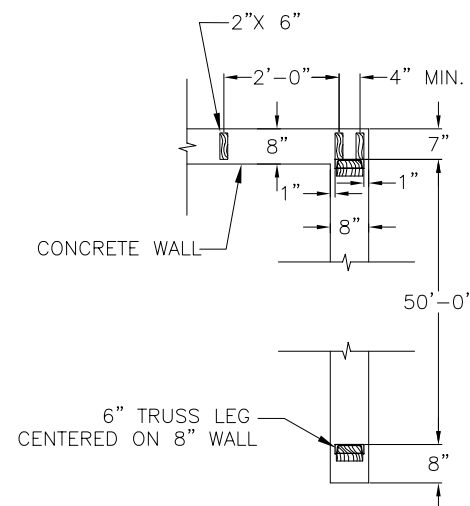
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REVISIONS DATE
DRAWING NO.
TX-EN-0443
SHEET



SECTION A-A

NOTE: FOR WALL DETAILS SEE SHEET 2.



DETAIL A

NOTES:

THIS DRAWING DOES NOT APPLY TO NORTHWEST TEXAS BOUND BY IH20 ON THE SOUTH AND IH35 ON THE EAST.

SITE PREPARATION PRIOR TO CONSTRUCTION SHALL INCLUDE FOUNDATION STRIPPING, CONSTRUCTION OF A PAD WITH A MIN. 1' THICKNESS AND 2' EXTENSION BEYOND THE LIMITS OF THE CONCRETE SLAB AND 8:1 SIDE SLOPES OR FLATTER AWAY FROM THE DRY STACK BUILDING. COMPACTION FOR THE PAD WILL BE SPECIFIED BY THE NRCS TECHNICAL REPRESENTATIVE BEFORE CONSTRUCTION STARTS.

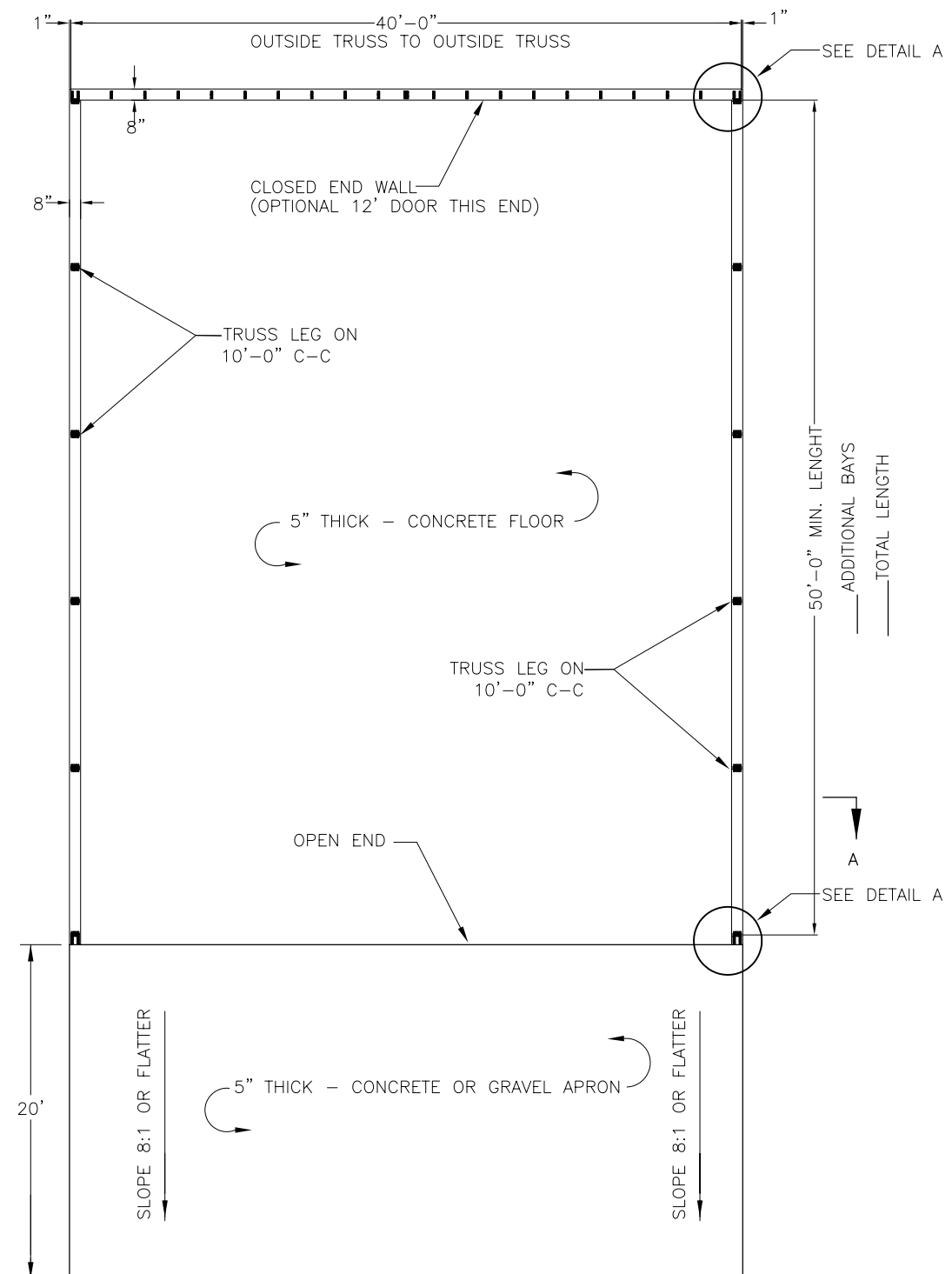
THIS BUILDING SHALL NOT BE MODIFIED BY ADDING ADDITIONAL STRUCTURES OR CHANGING THE DIMENSIONS.

THERE SHALL BE A 2-FOOT AIR SPACE PROVIDED BETWEEN THE TOP OF THE WALL AND GIRDER.

THE METAL ROOF SHALL HAVE A MIN. 2' OVERHANG ON SIDES. FASTENER MATERIALS AND LOCATIONS FOR THE METAL ROOF SHALL BE ACCORDING TO MANUFACTURES RECOMMENDATIONS.

ALL NAILS, BOLTS, NUTS AND WASHERS, WHICH WILL BE IN CONTACT WITH WASTE MATERIALS SHALL BE GALVANIZED.

CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. SEE SHEET 5 FOR REINFORCMENT AND CONTROL JOINT DETAILS.



FLOOR SLAB - PLAN VIEW

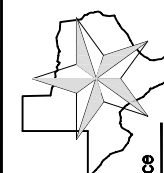
NOTE: ADDITIONAL BAYS SHALL BE IN INCREMENTS OF 10 FT.

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ON OCTOBER 12, 2004.



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DRAWN BY: GK
CHECKED BY: DEG
FILE NAME: DRY STACK-CONCRETE
DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING
40 FT. SPAN - MAX. 10 FT. EAVE HT.
FARM COUNTY, TEXAS



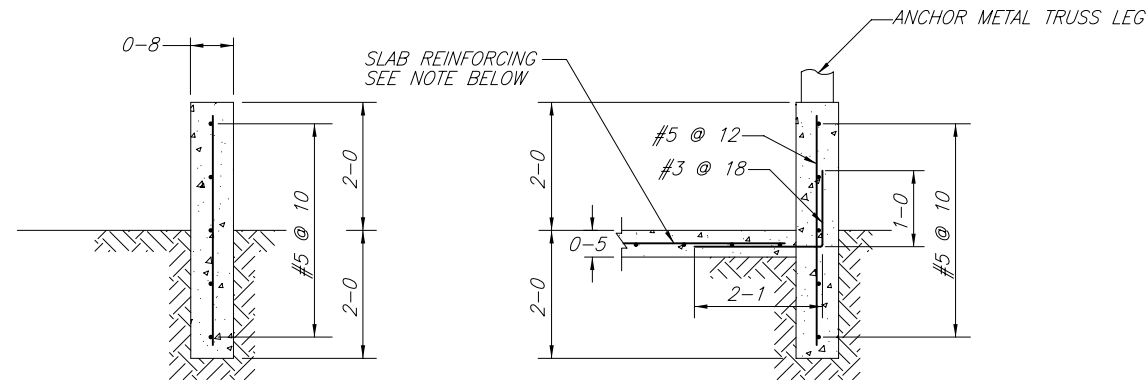
NRCS
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REVISIONS DATE

DRAWING NO.
TX-EN-0443

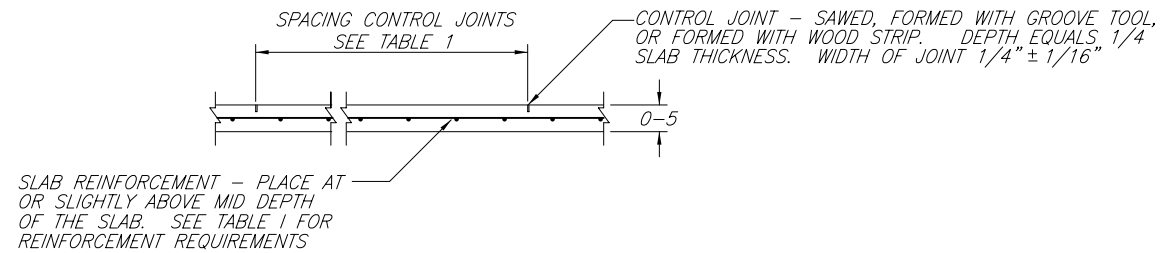
SHEET

4

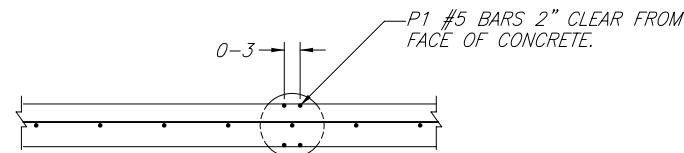


WALL SECTION

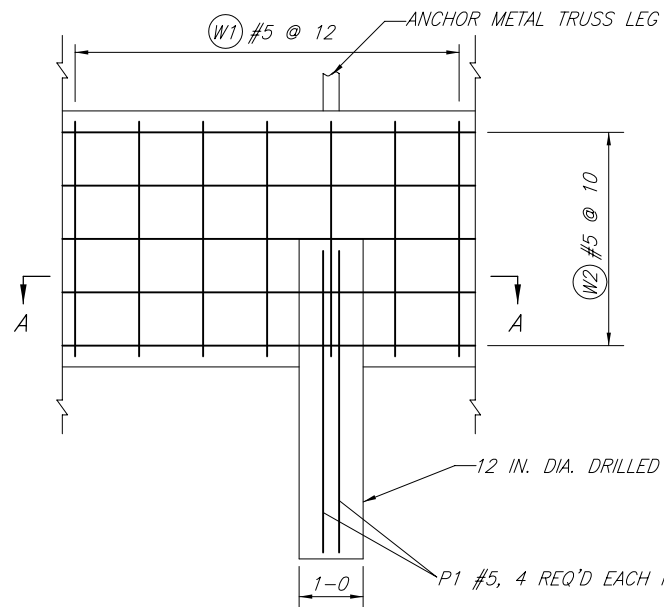
SECTION WITH SLAB



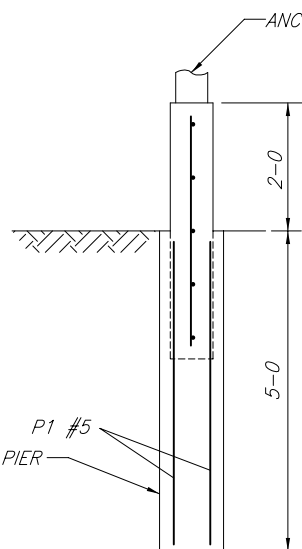
SLAB DETAILS



SECTION A-A



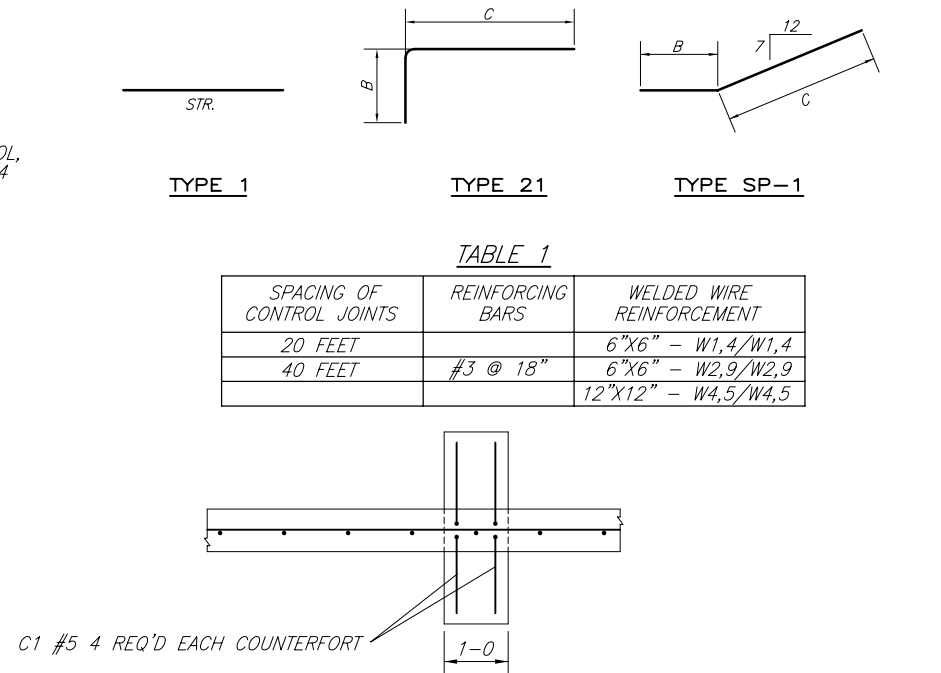
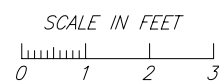
ELEVATION



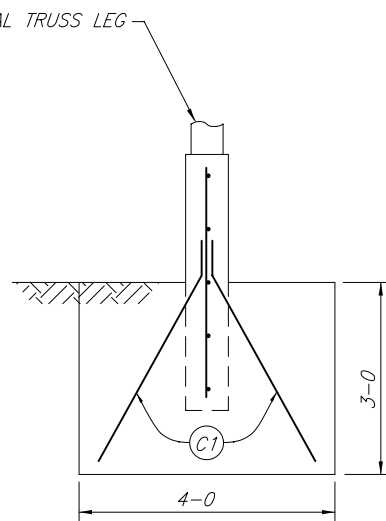
SECTION THROUGH WALL AND PIER

DETAILS DRILLED PIER

(COUNTERFORT OR DRILLED PIER REQUIRED WHEN FLOOR SLAB NOT USED)



PLAN



SECTION THROUGH WALL AND COUNTERFORT

DETAILS COUNTERFORT

(COUNTERFORT OR DRILLED PIER REQUIRED WHEN FLOOR SLAB NOT USED)

STEEL SCHEDULE									
MARK	SIZE	QUANTITY	LENGTH	TYPE	B	C	LENGTH PER UNIT	NUMBER OF UNITS	TOTAL LENGTH
W1	5	AJ	3'-8"	1	-	-			
W2	5	BJ	1	-	-				
C1	5	4	4'-1"	SP-1	0'-9"	3'-4"	16'-0"		
P1	5	4	4'-8"	1	-	-	18'-8"		
F1	3	CJ	3'-1"	21	1'-0"	2'-1"			

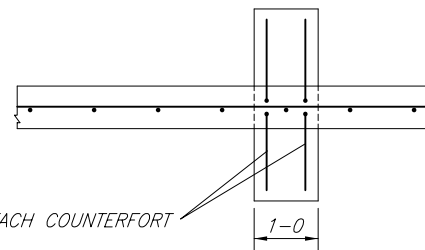
AJ QUANTITY = TOTAL WALL LENGTH IN FT. + 2
BJ TOTAL WALL LENGHT + 8% FOR LAPS
CJ QUANTITY = TOTAL WALL LENGTH IN FT/1.5 +2

TYPE 1

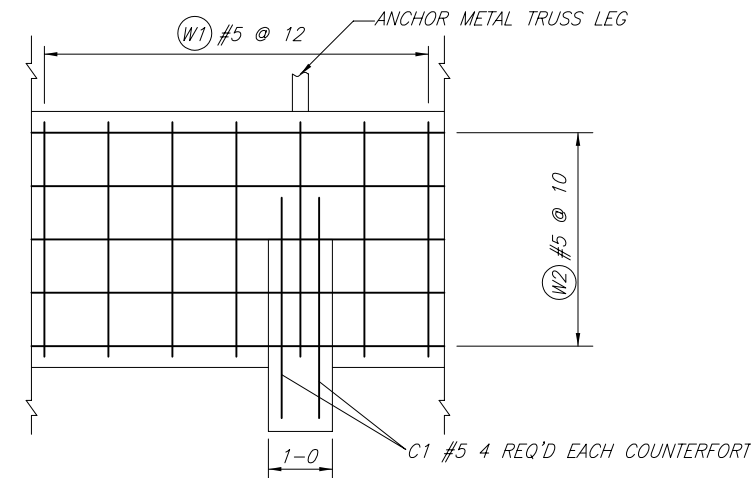
TYPE 21

TYPE SP-1

TABLE 1		
SPACING OF CONTROL JOINTS	REINFORCING BARS	WELDED WIRE REINFORCEMENT
20 FEET		6"X6" - W1,4/W1,4
40 FEET	#3 @ 18"	6"X6" - W2,9/W2,9
		12"X12" - W4,5/W4,5



PLAN



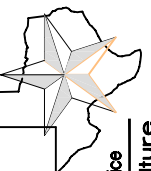
ELEVATION

BILL OF MATERIALS		
MATERIAL	QUANTITY	UNIT
BASIC 50 FT. BUILDING		
CONCRETE - WALL	13.96	CU. YDS.
APRON - CONCRETE/GAVEL	12.40	CU. YDS.
METAL ROOFING	2402	SQ. FT.
METAL SIDING	1063.3	SQ. FT.
INTERIOR 3/4" PLYWOOD	555	SQ. FT.
PURLINS - 11'-2"	24	EACH
PURLINS - 10'-9"	24	EACH
PURLINS - 10'-0"	72	EACH
2" X 4" - HORIZONTAL	10	EACH
2" X 4" - VERTICAL	40	EACH
2" X 6" - HORIZONTAL	10	EACH
2" X 6" - VERTICAL	60	EACH
2" X 8" - HORIZONTAL	10	EACH
2" X 4" - RAKE TRIM	12	EACH
2" X 6" - CLOSED END TRIM	4	EACH
6" METAL TRUSS	12	EACH
TRUSS ANCHOR	12	EACH
TRUSS ANCHOR BOLTS	24	EACH
TRUSS ANCHOR NUTS	24	EACH
TRUSS ANCHOR WASHERS	24	EACH
OPTION ITEMS		
12' X 12' DOOR		
2" X 4" - FRAMING	6	EACH
2" X 6" - FRAMING	12	EACH
2" X 4" - DOOR FRAMING	13	EACH
3/4" - PLYWOOD INSIDE	144	SQ. FT.
METAL SIDING - OUTSIDE	144	SQ. FT.
6' - RUBBER FLAP	2	EACH
GALV. STEEL 3" BUTT HINGES	10	EACH
DOOR YOKES		
2" X 4" - YOKES	1	EACH
2" X 6" - YOKE LATCH	1	EACH
TRUSS ALTERNATIVE ATTACHMENT		
3/16" - STEEL TABS	100	EACH
CONCRETE - COUNTERFORT	4.74	CU. YDS.
CONCRETE - DRILLED PIER	1.20	CU. YDS.
CONCRETE - SLAB	30.7	CU. YDS.
QUANTITIES FOR 10 FT. EXTENSIONS		
CONCRETE - WALL	1.98	CU. YDS.
METAL ROOFING	462	SQ. FT.
METAL SIDING	120	SQ. FT.
INTERIOR 3/4" PLYWOOD	80	SQ. FT.
PULINS - 10'-0"	24	EACH
2" X 4" - HORIZONTAL	2	EACH
2" X 4" - VERTICAL	8	EACH
2" X 6" - HORIZONTAL	4	EACH
2" X 6" - VERTICAL	6	EACH
2" X 8" - HORIZONTAL	2	EACH
6" - TRUSS	2	EACH
TRUSS ANCHOR	2	EACH
TRUSS ANCHOR BOLTS	4	EACH
TRUSS ANCHOR NUTS	4	EACH
TRUSS ANCHOR WASHERS	4	EACH
TRUSS ALTERNATIVE ATTACHMENT		
3/16" - STEEL TABS	16	EACH
CONCRETE - COUNTERFORT	0.79	CU. YDS.
CONCRETE - DRILLED PIER	0.20	CU. YDS.
CONCRETE - SLAB	6.00	CU. YDS.



DESIGNED BY: WILLIAM H. ERION
DRAWN BY: GK
CHECKED BY: DEG
FILE NAME: FOUNDATION-DETAILS
DATE PLOTTED: 10/04

POULTRY LITTER STORAGE BUILDING
40 FT. SPAN - MAX. 10 FT. EAVE HT.
FARM COUNTY, TEXAS



NRCs
Natural Resources Conservation Service
U.S. Department of Agriculture

REVISIONS DATE

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TX-EN-0443

SHEET